

The Mechanisms of Therapeutic Action of
Synthomycin, by N. K. Popova. USSR

RUSSIAN, par, Antibiotiki, No 3, 1957,
pp 24-27.

214-20-12-10

DSIR LUJ H.672

(loan)

Sci - Med
Oct 59

77,000

Change in Amino Acid Composition of Staphylococci
in the Course of Development of Penicillin
Resistance, by M. M. Gol'dfarb. UNCL

RUSSIAN, per, Antibiotiki, No 3, 1957, pp 35-37.

SLA 57-137-1

DSIA LNU M.673

(loan)

Sci - Med
Oct 59

98,998

Antibacterial Effect of Polymyxin B in Mixed
Experimental Purulent Infections, by L. K.
Substova. USSR

RUSSIAN, per, Antibiotiki, No 3, 1957,
pp 37-40.

504 62-12478

DSIR LIA H.674

(loan)

98,993

Sol - Wad
Oct 59

In Vitro Study of Antibiotic Combinations
on Salmonella Typhi, by L. B. Elbert. USSR,

RUSSIAN, per: Antibiotiki, No 3, 1957,
77 40-44.

DSIR LLU (loan) M.675

Sci - Med
Oct 59

99,102

A Rapid Method for Obtaining an Antibiotogram by
the Use of a Redox-Indicator, by Viktor Lorian,
11 pp.

RUSSIAN, per, Antibiotiki, No 3, May/June 1957.
pp 49-53. CIA 9032337

SLH

Sci - Medicine
Sep 58

73,257

A Method of Growing Actinomyces in Small
Volumes of Liquid Nutrients, by V. A. Tsygurov.
UTCL

RUSSIAN, *Prer*, Antibiotiki, No 4, 1957, pp 32-33.

DATA IN H.677

(loan)

Sci - Med
Oct 59

98,994

A Quick Method of Chlorotetracycline Assay, by
A. I. Dolyayeva. UNCL

RUSSIAN, per, Antibiotiki, No 4, 1957, pp 35-37.

Sci 60-15492 DSIR LLU (loan) H.678

Sci - Med
Oct 59

99,031

Development Of the Science Of Antibiotics In the
Investigations Of Soviet Microbiologists by M.A.
Krasilnikov and G.K. Skryabin.

RUSSIAN, per, Antibiotiki, Vol II, No 5, 1957,
pp 3-7.

CSIRO

Oct. 62

Treatment By Soviet Scientists Of Problems Of Research On New Anti-biotics. by G.F. Gauze.

RUSSIAN, per, Antibiotiki, Vol II, ^{No 5} 1957, pp 8-11.

CSIRO

Oct. 62

Application of the Principle of Fortified
Antagonism for the Preparation of Antibio-
tics, by I. O. Shiller.

RUSSIAN, per, Antibiotiki, Vol II, No 15,
1957, pp 28-30.

CSIRO

Sci - Biol
Apr 62

190,905

The Results of Selection of Antibiotic
Producers, by S. I. Alikhanyan. UNCL

RUSSIAN, per, Antibiotiki, No 5, 1957,
pp 31-35.

DSIR LIU (loan) M.688

Sci - Med
Oct 59

94,006

Testing Methods Employed in USSR for Antibiotic
at the Time of Delivery, by L. M. Jacobson.

RUSSIAN, per, Antibiotiki, Vol II, No 5,
1957, pp 35-39.

CSTRO

Sci - Chem
Aug 62

211, 233

S-3020

(DC-1536)

Experimental Study of Neocide, a New Antitumor Preparation,
by V. V. Dergach, 7 pp. UNCLASSIFIED.

RUSSIAN, bino per, Antibiotiki, Vol II, No 5, Moscow,
Sep/Oct 1957, pp 40-44.

US JPRS/DC-L-599

Sci - Medicine

69, 588

8-3020

(DC-1536)

Actinoidin, a New Antibiotic, by V. A. Shorin,
S. D. Yudinsev, I. A. Kharat, 7 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Antibiotiki, Vol II, No 5,
Moscow, Sep/Oct 1957, pp 44-49.

US JPRS/DC-L-600

Sci-Med

69, 587

S-3020

(DC-1536)

Penicillin-Elmo, by Ye. N. Lazareva, R. S.
Glagovskaya, L. L. Aver'yanova, A. M. Savelyeva,
7 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Antibiotiki, Vol II, No 5,
Moscow, Sep/Oct 1957, pp 49-53.

US JPRS/DC-1-598

Sci - Medicine

69, 586

Second All-Union Conference on Antibiotics: Section
on Biology of Producers, Chemistry and Technology
of Antibiotics,

MESSIAN, per, Antibiotiki, No 5, 1957, pp 54-58.

DSIN LL. -

- 92

801 - Ynd
Oct 59

99,004

Research on Industrial Antibiotics, by M. A.
Gubernov. UNCL

RUSIAN, per, Antibiotiki, No 6, 1957, pp 4-8.

DSIR LU M.694

(loan)

98,994

Sci - M2
Oct 59

Second All-Union Conference on Antibiotics: Section
on Antibiotics Research and Investigation. UNCL

RUSSIAN, per, Antibiotiki, No 5, 1957, pp 58-62.

PSIS
LLU (loan) H.693

Sci - Med
Oct 59

99,005

Crystallomycin, a New Antibiotic, by G. P.
Gause, et al. IS UNCL

RUSSIAN, per, Antibiotiki, Emx: No 6, 1957,
pp 9-14.

DSIR LRU (loan) M.695

Sci - Med
Oct 59

99,003

Penicillin From a Producer in the USSR, by
E. R. Bekker, et al. UNCL

RUSSIAN, per, Antibiotiki, No 6, 1957,
pp 14-16.

DSIR LLU (loan) M.696

Sol - Med
Oct 59

99,007

Cosmopolin, A New Antibiotic Formed by Actinomyces
Cosmopolinus, by M. G. Brazhnikov, et al. U.S.S.R.

RUSSIAN, per, Antibiotiki, No 6, 1957, pp 16-20.

DATA LLS (loan) N.697

Sci - Med
Oct 59

98,908

Conditions of Formation of Tetracyclin by Means
of Biosynthesis, by I. I. Belousova, L. A. Popova.

RUSSIAN, per, Antibiotiki, Vol III, 1958,
pp 3-8.

CSIRO

Sci - Biol

Jun 61

156,562

3-4940

(DC-2570)

The Antagonistic Action of Actinomycetes
on Cancer Cells, by L. P. Kiseleva, 8 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 1, Jan. Feb.
1958, pp 10-13.

JPRS-L-1720-D

Sci - Medicine
Jul 59

90,916

S-4944

(DG-2570)

The Formation of Actinoxanthins - A New
Antitumor Antibiotic, by A. A. Mal'nikova,
V. A. Semenova, N. K. Solov'yeva, L. P.
Snezhnova, G. N. Ginsburg, 6 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 1, Jan Feb
1958, pp 18-22.

JPRS-L-1720-D

Sci - Medicine
Jul 59

90,917

S-4944

(DC-2570)

The Effect of Actinoxanthine, Produced by
Actinomyces Globisporus 1131, On Experimental
Tumors in Animals, by A. S. Bondareva, 9 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 1,
Jan/Feb 1958, pp 31-36.

JPRS -L-1720-D

Sci - Medicine
Jul 59

90,911

3-4944

(DC-2570)

B

The Combined Use of Actinomunthine and
Sarcosyn in Experiments on Rats With Sarcoma
45, by Yu. I. Rampen, A. B. Syrkin, 8 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 1,
Jan/Feb 1958, pp 36-40.

JPRS-L-1720-D

Sci - Medicine
Jul 59

90, 9/2

On the Taxonomic Position of the Albomycin-
Producing Organism, by E. S. Kudrina
RUSSIAN, per, Antibiotikiy, Vol. 3, No. 1
1958, pp. 63-67.
*CPSTI TT 70-57131

Sci/b&m
Mar 70

8-4675

(NY-2169)

Naloxone, A New Antiviral Antibiotic, by M. O.
Krasnikova, T. A. Ogorodnikova, L. B. Semakova, T. P.
Pecherashchikova, G. F. Gusev, et al, 6 pp.

RUSSIAN, per, Antibiotics, Vol III, No 2, Mar/Apr
1970, pp 83-94.

JPRS 1318-N

ATS AT-4190

Sci - Med
Apr 59

85,361

S--4675

(NY-2169)

Changes in the Bactericidal Activity of Blood
Serum and the Properdin System Under the Effect of
Cortisone, by V. N. Solov'yev, 6 pp

RUSSIAN, pos, Antimiotiki, Vol III, No 2, Mar/Apr
1958, pp 63-67.

JPRS 1319-M

Sci - Med
Apr 59

85,360

8-4675

(NY2169)

Current Problems of the Therapeutic Application
of Antibiotics, by I. A. Kassirekiy, G. Ye.
Vaysberg, 19 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 2, Moscow,
Mar/Apr 1958, pp 114-122.

JPRS 1320-M

Sci - Med
May 59

88, 012

The Use of Resistant and Sensitive Forms of
Microbes for the Screening of New Antibiotics.
by I. S. Buyanovskaya,

RUSSIAN, per, Antibiotiki, Vol III, No 3, 1958.
pp 8-12.

ATB RJ-2262

Bcl - Hcl

May 60

115,492

A New Antivirus Antibiotic - Violarins, Produced
by Violet Actinomycetes, by N. A. Krasil'nikov,

RUSSIAN, per, Antibiotiki, Vol III, No 3, 1958,
pp 18-22.

207622-
ATS RJ-2256

Sci - Med

May 60

115,489

Taxonomic Position of the Albomycin Producing Organism,
by Ye. S. Kudrina, G. V. Kochetkova, 8 pp.

RUSSIAN, per, Antibiotiki, No 3, 1958, pp 63-67.

NTIS TT 70-57131

Jan 72

The Isolation and Chemical Purification of
Fungillin, by A. B. Silayev, M. N. Semenov,
6 p.

RUSSIAN, per, Antibiotiki, 1958, Vol III, No 4,
pp 3-6.

SLA 59-15710

Sci
Dec 59
Vol 2, No 6

104,230

Biosynthesis of Phenoxymethyl-Penicillin,
by M. M. Levitov, V. A. Gortseva.

RUSSIAN, ~~publ.~~ ~~Antibiotiki~~, ~~1958~~, 1958, pp 21-25.

CHEMOTRO

Sci - Chem
Jun 62

203,330

Study of the Content of Streptomycin in
Mycelium During ~~PERMANENT~~ Fermentation, by
E. I. Surikova, L. I. Rudakova.

RUSSIAN, per, Antibiotiki, Vol III, No 5,
1958, pp 34-38.

CSIRO

191,322

Sci - Chem
Apr 62

Chemical Study of Phenoxy-Methyl-Penicillin.
Preparation and Properties of Amides of Phenoxy-
Methylpenicillin, by A. S. Khobklov, et al.

RUSSIAN, per. Antibiotiki, ~~Vol V~~, 1958.
pp 44-49.

CSIRO

Sci - Chem
Aug 62

207,360

A Method of Determining the Correlation of
Tetracycline and Chlortetracycline in Liquid
Cultures, by I. I. Belousova, L. A. Popova, 5 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 6, 1958,
pp 24-26.

SLA 60-10983

Sci

OTS, Vol III, No 6

Sep 60

126, 827

Preliminary Data on the Comparison of the Properties
of Streptothricin-Type Antibiotic Substances Which
Are Produced by Various Actinomycetes, by D. M.
Trakhtenberg, E. I. Rodionovskaya, et al, 6 pp.

RUSSIAN, per, Antibiotiki, Vol III, No 6, 1958,
pp 36-41.

ATS 3213R

Sci - Mod

Sep 59

Vol 2, No 1

97,238

Determination of Localization of Tetracyclines in
Bone Tissue by the Fluorescence Method, by
V. I. Boyko, 18 pp.

RUSSIAN, per, Antibiotiki, Vol ^{IV} 4, No 4, 1959,
pp 44-49. 9067542

MIN 3-11-60

Sci - Med

Apr 60

112,991

(SF-1341⁵).

M. M. Pionel'yes: 60th Birthday, 4/11

RUBIN, P., Antibiotiki, No 2, 1960, pp 123-129.

*JPRS

USER

BIC

22 Dec 60

The Action of Antibiotics and Sulfanilamides on
Transaminase in Animal Tissues, by V. M. Topol'berg.
444
RUSSIAN, per, Antibiotiki, Vol V, No 2, 1960, pp 83-85.

ATS BJ-4178

Sci - Biol & Med Sci
Dec 63

244,887

The effect of Phosphates on the Antibacterial
Activity of Crystallosycin and Amyphosycin in
Vitro and the Titration Methods for These Anti-
biotics in the Organs and Urine of Animals, by
I. A. Sunrat.

RUSSIAN, per. Antibiotiki, Vol 5, No 2, 1960,
pp 88-91.

HEW MH

10-1-68

Sci-8 and 8
Jan 69

371.722

(SF-1343).

60th Birthday of M. A. Guberniyev, *app*

RUSSIAN, per, Antibiotiki, No 2, 1960, p 12).

JPRS

USSR

Bio

22 Dec 60

THE PRODUCTION OF MONOMYCIN - A NEW ANTIBIOTIC -
BY THE CULTURE OF ACTINOMYCESE CIRCULATUS
MONOMYCINI, BY G. F. GAUZE, T. P. PREOBRAZHENSKAYA,
5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL V⁹ NO 4, 1960,
PP3-6. 9089939

NIH 6-51-62

SCI - CHEM

208,780

AUG 62

ISOLATION OF MONOMYCIN AND ITS PROPERTIES, BY
M. G. BRAZHNIKOVA, M. K. KUDINOVA, 4 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL V, NO 4, 1960,
PP 6-10. 9089500

NIH 6-52-62

SCI - CHEM

208,790

AUG 62

Chemical Study of Phenoxymethylpenicillin. Part 6.
Preparation and Properties of β -Phenoxymethylpenilloi-
namide of Phenoxymethylpenicilloic Acid, by ~~Andr. G.~~
A. S. Khoklov, E. V. Kuchalina. 6 pp.

RUSSIAN, per, Antibiotiki, Vol V, No 5, 1960, pp 1-44

AMS RJ-4182

Sci - Biol & Med Sci
Dec 63

244,888

Talyzina, V. A. ON THE POSSIBLE USE OF VARIOUS TUMOR SUS- PENSIONS IN THE SELECTION OF ANTI-TUMOR ANTIBIOTICS BY THE ARAI AND SUDZUKI METHOD (O Vozmozhnosti Ispol'zovaniya Vzvesey Razlichnykh Opukholey pri Otkore Protivopukholevnykh Antibiotikov po Metodu Arai i Sudzuki). [1961] 3p. 2 refs. Order from LC or SLA ml51.80, ph51.80 61-10430 Trans. of "Antibiotiki (USSR) 1960, v. 5, no. 5, p. 52-53. 148,508 (Biological Sciences--Pharmacology, TT, v. 5, no. 7)	61-10430 1. Tissues (Biology)--Culture 2. Neoplasms--Therapy 3. Antibiotics--Development 1. Talyzina, V. A. Office of Technical Services
---	--

(SF-1526)

Conference on the Systematization of Actinomycetes,
Antibiotic Producers, by V. D. Dunstakov, 6 pp.

RUSSIAN, per, Antibiotiki, Vol V, No 6, 1950,
pp 114-116.

JPRS 4502

Sci - Med

Apr 61

147,357

Zaitseva, Z.M. and Mikhailova, G.R.
INFLUENCE DE L'INTRODUCTION DANS LE MILIEU
DE PHOSPHORE MINÉRAL SUR LE DÉVELOPPEMENT
DE ACT. RIMOSUS (Effect of Phosphorus on the deve-
lopment of Actinomyces Rimosus). 13p. 13refs.
CNRS-XXI 296.
Order from OTS, ETC or CNRS \$1.60 TT-62-28890

Trans. in English of Antibiotiki (USSR) 1961, v.6,
no.1, p.31-23.

DESCRIPTORS: *Actinomyces, Culture media, Phos-
phates, *Tetracyclines, *Antibiotics, Production.

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

TT-62-28890

I. Zaitseva, Z.M.
II. Mikhailova, G.R.
III. CNRS-XXI 296
IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translation Centre

Synthetic Antimicrobial Materials with an
Activity Similar to the One of Antibiotics,
by M.N.Rotmistrov and G.V.Kulik.

RUSSIAN, per, Antibiotiki, Vol.6, No.2,

pp.111-115, 1961.

SIA-TT-66-11632

Aug 66

309,232

Tebyakina, A.E. and Druzhinina, E.N.
STABILITE DES ANTIBIOTIQUES DE LA SERIE DES
TETRACYCLINES DE LEURS DIVERS SELS ET DES
FORMES PHARMACEUTIQUES (Stability of the Tetra-
cycline Antibiotics, of Their Salts and Medicinal
Preparation), 17p, 9refs, CNRS-XXI 298,
Order from OTS, ETC or CNRS \$1.60 TT-62-28903

Trans. in French of *Antibiotiki (USSR) 1961, v.6,
no.2, p.178-185.

DESCRIPTORS: *Tetracyclines, Antibiotics, Stability,
Biological assay.

(Biological Sciences - Pharmacology, TT, v. 11, no. 7)

TT-62-28903

- I. Tebyakina, A.E.
- II. Druzhinina, E.N.
- III. CNRS-XXI 298
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Center

(17-000)

Conference of the Experimental Study and Clinical
Application of Pyrogenal, by Kh. Kh. Planch'yea,
7 pp.

RUSSIAN, per, Antibiotiki, Vol VI, no 4, 1961,
pp. 374-377.

JPRS 10167

172,638

Oct 12
Oct 20

Experimental Data on the Effect of Antibiotics
on Certain Manifestations of Acute Radiation
Pathology, by Ye. G . Dolgov, 9 pp.

RUSSIAN, per, Antibiotiki, Vol VI, No 5,
1961, pp 402-406. 9676732

FTL-IT-62-144

Sci - Med

196,489

23 May 62

The Present Status of the Study of Polymyxins
and Related Antibiotics, by S. M. Mamiofe,
Z. T. Sinitsyna.
RUSSIAN, per, Antibiotiki, Vol VI,
1961, pp 552-561.
SLA TT-64-18631

Sci-Jan 67

317,895

A Survey of the Methods of Synthesis of Tetra-
cyclines, by Yu. A. Arbuzov.

RUSSIAN, per, Antibiotiki, Vol VI, No 7, 1961,
pp 585-594.

ATS RJ-4173

Sci-Biol & Med Sci
Dec 63

244,892

Utilization of Act. Rimosus, Mutants for the
Study of Oxytetracycline Synthesis, by S. Z.
Mindlin.

RUSSIAN, per Antibiotiki, Vol VI, No 7, 1961,
pp 623-629.

ATS RJ-A176

Sci-Biol & Med Sci
Dec 63

244.894

Some Physiological Peculiarities of Inactive
Mutants of Act. Rimosus, The Producer of Oxy-
tetracycline, by M. V. Orlov.

RUSSIAN, per, Antibiotiki, Vol VI, No 7, 1961,
pp 625-635.

ATS RJ-4175

Sci-Biol & Med Sci
Dec 63

244,893

Donskikhova, D. and Vondrachek, M.
MICROMETHODS FOR THE IDENTIFICATION AND
THE INVESTIGATION OF ANTIBIOTIC MATERIALS
FROM ACTINOMYCETAE: CHROMATOGRAPHIC AND
ELECTROPHORETIC METHODS. [1962] 21p. (7 figs.
refs. Eng. summary omitted).
Order from OTS or SIA \$2.60

62-14590

Trans. of *Antibiotiki (USSR) 1961, v. 6, no. 7,
p. 649-659.

DESCRIPTORS: Microchemistry. *Identification. *Anti-
biotics. *Actinomycetes. *Chromatographic analysis.
*Electrophoresis. Microanalysis.

(Biological Sciences--Biochemistry. ITT, v. 8, no. 7)

62-14590

I. Donskikhova, D.
II. Vondrachek, M.
III. Title: Chromatographic ...

Office of Technical Services

Radiation Sterilization of Antibiotics. Part 2.
Main Prerequisites of the Use of Nuclear Radiation
in the Sterilization of Antibiotics. Choice of
Radiation Sources and Investigation Subjects, by
Z. V. Ermol'eva.

RUSSIAN, per, Antibiotiki, Vol VI, No 10, 1961,
pp 904-908.

ATS RJ-4183

Sci - Biol & Med Sci
Dec 63

244,889

Ivanov, K. K., Gavrilina, G. V. and others.
AERATION ET RESPIRATION DES ACTINOMYCETES
ET DES PROACTINOMYCETES, PRODUISANT LES
ANTIBIOTIQUES DANS LES FERMENTATEURS, EN
FONCTION DES MODIFICATIONS BIOCHIMIQUES
DANS LE MILIEU NUTRITIF (Aeration and Respiration
of Actinomycetes and Proactinomycetes, Producing the
Antibiotics in the Fermentatives, to take up Biochemical
Modifications in the Nutritious Atmosphere) 15p.
(foreign text included) 16 refs. PR-3174 (text in
French).

Order from OTS or ETC \$1.85

62-26161

Trans. In French of Antibiotiki (USSR) 1961, v. 6,
p. 984-988.

DESCRIPTORS: *Antibiotics, *Biochemistry,
Nutrition, Respiration, Oxygen consumption.

(Biological Sciences--Biochemistry, TT, v. 9, no. 8)

62-26161

- I. Ivanov, K. K.
- II. Gavrilina, G. V.
- III. PR-3174
- IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

(NY-6947)

THE DETOXIFYING AND DISINTOXICATION PROPERTIES
OF MYCERIN WITH RESPECT TO BOTULINUS AND STAPHYLOCO-
CCAL TOXINS, BY V. N. DERKACH, 6 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VI, NO 11,
1961, PP 1006-1009.

JPRS 12984

SCI - CHEM
MAR 62

185,666

PHARMACOLOGICAL PROPERTIES OF THE ANTIBIOTIC
AURANTIN, BY O. SH. DZHEKSENBAYEV, N. A. OZERETSKOVSKIY,
5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VI, NO 12, 1961, PP 1070-1073. 9089258

NIH 6-17-62

SCI - CHEM

208,785

AUG 62

(SF-2186)

Results of a Preliminary Evaluation of New
Anti-Tumor Antibiotics on Various Transplant-
able Tumors of Animals, by V. A. Shorin,
V. A. Lyashenko, 5 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 1,
1962, pp 27-31.

JPRS 13141

Sci - Med
Apr 62

189,323

Olivomycin, a New Antibiotic Produced by
Actinomyces Olivoreticuli, by G. F. Gamze,
R. S. Usholina.

RUSSIAN, per, Antibiotiki, Vol VII, No 3, 1962,
pp 34-38.

NIH 10-12-62

Sci - Med

Dec 62

218,887

The Isolation, Purification and Study of Certain
Physicochemical Properties of the New Antibiotic
Olivomycin, by M. G. Brahmikova, Ya. B. Kruglyak.

RUSSIAN, per, Antibiotiki, Vol VII, No 3, 1962,
pp 39-44.

NIH 10-14-62

Sci - Med

218,889

Dec 62

Histopathological Changes in the Organs of Animals
After Administration of the Antibiotic Olivomycin,
by I. P. Balova, V. S. Muraveyskaya, 3 pp.

RUSIAN, per, Antibiotiki, No 3, 1962, pp 57-59.
9200739

NIH 11-6-62

Sci - Med

Jan 63.

220,084

Tobyakina, A. E., Inozemtseva, I. I., and others.
SELS DE TETRACYCLINES DE LA PHENOXY-METHYL-
PENICILLINE (Salts of Tetracyclines of Phenoxy-
Methyl-Penicillin). 11p. 11 refs. FR-3175 (text in French).

Order from OTS or ETC \$1.85

62-26186

Trans. in French of Antibiotiki (USSR) 1962, v. 7,
p. 109-112.

DESCRIPTORS: *Penicillin, Phenoxy radicals,
methanes, Salts, *Antibiotics.

(Biological Sciences--Biochemistry, TT, v. 9, no. 8)

62-26186

- I. Tobyakina, A. E.
- II. Inozemtseva, I. I.
- III. FR-3175
- IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

PB-

The Characteristics of Three Strains of
Actinomycetes Producers of New Antibiotics
RUSSIAN, per, Antibiotiki, No. 4, 1962
pp. 312-317.

*CPSTI TT 70-57134

Sci/h&m
Mar 70

Taig, M. M., Budaya, S. M., and Solovieva, N. K.
CULTURES OF THE ACTINOMYCETES OF THE
ACTINOPLANACEAE FAMILY. 3 Aug 62 (10p. (figs.
refs. omitted).
Order from OTS or SLA \$1.10 62-18749

Trans. of *Antibiotiki (USSR) 1962 (v. 7) no. 6,
p. 483-491.

DESCRIPTORS: *Actinomycetes, Growth, *Spores,
Culture media, Antibiotics, *Bacteriostatic substances,
Identification.

(Biological Sciences--Microbiology, TT, v. 9, no. 6)

62-18749

1. Title: Actinoplanes
2. Title: Streptosporangium
- I. Taig, M. M.
- II. Budaya, S. M.
- III. Solovieva, N. K.

Office of Technical Services

Experimental Study of the Antitumor Action of
Certain Substances of Natural Origin, by Z. V.
Yermol'yeva, I. V. Ravich, S. M. Navaashin, et al,
17 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 7, 1962,
pp 571-581.

JPRS 15278

212,751

Sci - Med

Oct 62

Action of the Antibiotic Crutcin on Human Malignant
Tumor Cell Cultures (On the Method of Determining
the Antiblastomatous Activity of Crutcin), by M. I.
Leykina, 10 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 7, 1962,
pp 582-587.

JPRS 15278

212,752

Sci - Med

Oct 62

Isolation and Properties of the New Antibiotic
323/58, Which Possesses Antitumor Action, by
Ye. B. Kruglyak, R. S. Ukholina, et al, 8 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 7, 1962,
pp 588-593.

JPRS 15278

212,753

Sci - Med

Oct 62

The Effect of Certain High-Molecular Polypeptides
on Cultures of Human Tumor Cells, by S. M.
Navashin, I. P. Fomina, 6 pp.

RUSSIAE, per, Antibiotiki, Vol XXXVII, No 7,
1962, pp 594-597.

JPRS 15278

Sci - Med

2.12.75-4

Oct 62

Systematic Position of Certain Actinomycetes Producing
Hepatogenic Antibiotics, by V. D. Kuznetsov, 10 pp.

RUSSIAN, per, Antibiotiki, No 8, 1962, pp 675-679.

NTIS TT 70-57135

NTC 72-13265-060

Jan 72

Certain Problems in Production and Science Encountered
in the Field of Antifisties, by A. G. Matradze,
8 pp.

RUSSIAN, per, Antifistiki, Vol VII, No 9,
1962, pp 771-775.

JUNE 1962

Sci - Med

Nov 62

217, 412

**Radiation Sterilization of Antibiotic
Preparations, by V. L. Pochapskiy, Z. V.
Karmol'eva, 6 pp.**

**RUSSIAN, per, Antibiotiki, Vol XVII, No 9,
1962, pp 786-789.**

JPRS 16162

Sci - Med

Nov 62

217,418

CERTAIN CONTEMPORARY PROBLEMS OF THE GENETICS OF
MICROORGANISMS, BY S. I. ALIKHANYAN, S. Z. MINDLIN,
ET AL, 32 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 9, 1962,
PP 841-852.

JPRS 17691

SCI - MED

FE 63

223,832

THE USE OF STREPTOMYCIN IN THE PREVENTION OF
ACUTE RADIATION SICKNESS, BY L. F. SEMENOV,
8 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 10,
1962, PP 912-916.

JPRS 16471

;SCI - MED

DEC 62

218,125

Inhibition of Resistance Development to Erythronycin
in Staphylococci, by T. M. Bass, 9 pp.

HUSSLAN, ppr. Antibiotiki, Vol VII, 1962, pp 1038-1042.

CIA/YDD XX-1480
NO FOREIGN DISSEM

Sci - Biol & Med Sci
Jan 64
UCM Internal Use Only

246,221

MORPHOLOGICAL ANALYSIS OF THE ACTION OF THE
ANTIBIOTICS OLIVOMYCIN AND KRUTSIN ON THE CELLS
OF THE ASCITIC FORM OF EHRLICH'S TUMOR, BY
V. I. VOYKO, 15 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 12,
1962, PP 1085-1080.

JPRS 17619

SCI - MED

FEB 63

223,454

HIS, F&D SA 2559-65

8-5489-1
11 Jun 69

N19

Study of Some Actinomycetes Forming Closely Related
Antibiotics, by V.A. Semakova, S.A. Il'inskaya,
Antibiotiki, Vol 8, Jan 1968, pp 12-18, 7 pp

Russian - cat for wds:

14 JUN
1969

Type and camera ready copy.

Tsyganov, V. A., Golyakov, P. N., Malyshkin,
M. A., Furzenko, M. V., and Filippova, A. I.
THE CHARACTERISTICS OF THE ANTIMOTICS
PRODUCED BY ACTINOMYCES LEVORIS. [1963]
[12p] 6refs FASES Manuscript no.: S-181-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24475

Trans. of Antibiotiki (USSR) 1963, v. 8, no. 1,
p. 29-33.

DESCRIPTORS: *Antibiotics, Drugs, *Actinomycetes,
*Fungicides, Chromatographic analysis,

(Biological Sciences--Pharmacology, TT, v. 11, no. 5)

TT-63-24475

1. Title: Levorin
2. Title: Levoriotatin
- I. Tsyganov, V. A.
- II. Golyakov, P. N.
- III. Malyshkin, M. A.
- IV. Furzenko, M. V.
- V. Filippova, A. I.
- VI. FASES-S-181-3
- VII. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VIII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

EXPERIMENTAL STUDY AND CLINICAL USE OF LYSOZYME,
BY Z. V. YERMOL'YEVA, N. M. FURER, 17 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VIII, NO 1, 1963,
PP 39-45.

JPRS 18533

SCI - BIOL-MED SCI

APR 63

227,429

The Efficacy of Antibiotics and Chemo-Drugs With Relation
to the Time of Administration After Inoculating White
Mice With Brucella, by E. I. Kaitsazova, 6 pp.

RUSSIAN, med, Antibiotiki, Vol VIII, 1963, pp 46-49.

CIA/PDD XX-1479
NO FOREIGN DISSEM

Sci & Biol & Med Sci
Jan 64

USIS Internal Use Only

246,220